

A NEW SPECIES OF *PSACALIUM* (ASTERACEAE: SENECTIONEAE) FROM
GUERRERO, MÉXICO

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ABSTRACT

A new species of *Psacalium* related to *P. pringlei* (= *Odontotrichum pringlei*) is described from near Chilpancingo, Guerrero, México. It is readily distinguished from related taxa in having white tomentose stems and bicolored leaves.

KEY WORDS: *Psacalium*, Senecioneae, Asteraceae, México.

Routine identification of Mexican Asteraceae has revealed the following novelty:

Psacalium guerreroanum B. Turner, *spec. nov.* TYPE: MÉXICO. Guerrero: "km 70-71 de la carretera Chilapa-Tlapa (E de Chilpancingo)," pine-oak forests, 2 Nov 1986, J.L. Panero, E.E. Schilling & B.E. Wofford 582A (HOLOTYPE: TENN).

P. pringlei (S. Wats.) H. Robins. & Bret. similis sed caulibus omnino albi-floccosis, foliis bicoloribus dense albi-tomentosis in paginis infernis, et capitulis paucioribus majoribus involucris plerumque 9-11 mm altis differt.

Perennial herbs to 1 m high, white tomentose throughout. Basal leaves 24-28 cm long, tawny woolly at the base; petioles 10-14 cm long; blades 12-15 cm long, 6-8 cm wide, ovate in outline, bicolored, the undersurfaces densely white tomentose, principal lobes 5, these often again lobed, pinnately veined. Heads eradiate, 6-20 in open lax cymes, the primary peduncles mostly naked and up to 50 cm long, the ultimate peduncles 4-6 cm long, including the scale like bractlets. Involucres broadly turbo-campanulate, 9-11 mm high, 10-12 mm wide, the inner bracts 8, equal, elliptical, 3-5 mm wide, the margins broad and scarious, the outer surfaces tomentulose. Florets 25-35 per head, the corollas white, 8-10 mm long, the tubes ca 5 mm long, the lobes 3-4 mm long. Achenes (immature) ca 3 mm long, densely white sericeous, the pappus of numerous white barbellate bristles ca 7 mm long.

Psacalium guerreroanum, because of its densely tomentose or flocculose stems and foliage, is readily distinguished. It is clearly related to *P. pringlei*, but differs by the above mentioned vestiture, fewer and larger heads on much longer (4-6 cm) ultimate peduncles.

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